

AMENDMENTS TO THE CLAIMS

Please **AMEND** claim 30 as follows.

A copy of all pending claims and a status of the claims are provided below.

1. – 20. (Canceled).

21. (Previously Presented) A video viewing system, comprising:

means for selecting a programming channel containing video program in progress;

a display screen for viewing a video program in progress; and

at least one summary frame also displayed on said display screen overlaid onto said video program in progress at a same time when said programming channel is changed, said at least one summary frame comprising a past frame from said video program in progress,

wherein the at least one summary frame comprises a plurality of said summary frames each corresponding to said video program in progress; and

further comprising at least one preview frame comprising a future frame from said video program in progress relative to a real-time broadcast of the video program in progress, the at least one preview frame overlaid onto the video program in progress such that the at least one preview frame is simultaneously displayed with the at least one summary frame and the video program in progress.

22. (Previously Presented) A video viewing system as recited in claim 21 wherein said at least one summary frame displays a video segment on said viewing screen corresponding to said summary frame.

23. (Previously Presented) A video viewing system as recited in claim 21 comprising a plurality of said summary frames each correspond to a past frame from said video program in progress.

24. (Canceled).

25. (Previously Presented) A user interactive video viewing system, comprising:
a display screen for viewing a video program in progress;
at least one summary frame displayed on said display screen at a same time and overlaid with said video program in progress when a programming channel is changed, said at least one summary frame comprising a past frame from said video program in progress; and
a control means for allowing a user to change the programming channel to change said video program in progress and for allowing said user to select said at least one summary frame to play at least a segment of said video program in progress corresponding to said selected summary frame,
wherein the at least one summary frame comprises a plurality of said summary frames each corresponding to said video program in progress, and
wherein said summary frames remain on said display screen when said video program is preempted, and
further comprising at least one preview frame comprising a future frame from said video program in progress relative to a real-time broadcast of the video program in progress, the at least one preview frame overlaid onto the video program in progress such that the at least one preview frame is simultaneously displayed with the at least one summary frame and the video program in progress.

26. (Previously Presented) A user interactive video viewing system as recited in claim 25 wherein said viewing system comprises a television system.

27. (Canceled).

28. (Previously Presented) A user interactive video viewing system as recited in claim 26 wherein the user can delete said summary frames from said display screen.

29. (Previously Presented) A user interactive video viewing system as recited in claim 25 wherein said viewing system comprises client connected to a server.

30. (Currently Amended) A method for informing a viewer of the content of a video program in progress, comprising the steps of:

selecting a plurality of summary frames depicting selected events from said video program in progress prior to a broadcast transmission of the video program in progress;
embedding said summary frames in said video program in progress;
transmitting said video program in progress ~~comprising~~ embedded with said summary frames over a media; and

displaying said video program in progress in a background and said summary frames in a foreground on a screen of a display device at a same time with said video program in progress when a viewer changes channels to said video program in progress in the background from a video program on another channel in the background,

further comprising displaying at least one preview frame comprising a future frame from said video program in progress relative to a real-time broadcast of the video program in progress, the at least one preview frame overlaid onto the video program in progress such that the at least one preview frame is simultaneously displayed with the at least one summary frame and the video program in progress.

31. (Previously Presented) A method for informing a viewer of the content of a video program in progress as recited in claim 30, further comprising the steps:

displaying a video segment corresponding to a particular summary frame when said summary frame is selected by a viewer; and
resuming said video program in progress when said video segment has finished.

32. (Previously Presented) A method for informing a viewer of the content of a video program in progress as recited in claim 30, comprising the step of continuing to display said summary frames when said video program in progress is preempted.

33. (Previously Presented) A method for informing a viewer of the content of a video program in progress, comprising the steps of:

selecting a plurality of summary frames depicting selected events from said video program prior to a broadcast transmission of the video program;

embedding said summary frames in said video program;
transmitting said video program embedded with said summary frames over a media;
simultaneously displaying said video program in progress in a background and said summary frames in a foreground on a screen of a display device at a same time when a viewer changes a channel to display said video program in progress in the background;
further comprising displaying at least one preview frame comprising a future frame from said video program in progress relative to a real-time broadcast of the video program in progress, the at least one preview frame overlaid onto the video program in progress such that the at least one preview frame is simultaneously displayed with the at least one summary frame and the video program in progress.

34. (Previously Presented) A method for informing a viewer of the content of a video program in progress as recited in claim 30 wherein said step of displaying said video program in progress comprising said summary frames on a screen comprises placing said video program in progress and said summary frames in designated windows on said screen.

35. (Previously Presented) A method for informing a viewer of the content of a video program in progress as recited in claim 30 wherein said video program and said video program in progress are on different channels.

36. (Previously Presented) A video viewing system, comprising:
means for selecting a programming channel containing a video program in progress;
a display screen for viewing said video program in progress; and
at least one summary frame also displayed on said display screen along with said video program in progress at a same time when said programming channel is changed, said at least one summary frame comprising a past frame from said video program in progress,
said at least one summary frame corresponding to a past frame from said video program in progress; and
at least one preview frame comprising a future frame from said video program in progress relative to a real-time broadcast of the video program in progress displayed at a same time as said at least one summary frame and said video program in progress,

wherein said at least one summary frame displays a video segment on said viewing screen corresponding to said at least one summary frame.

37. (Previously Presented) The video viewing system of claim 21, wherein the plurality of summary frames are displayed at the same time with said video program in progress.

38. (Previously Presented) The user interactive video viewing system of claim 25, wherein the plurality of summary frames are displayed on said display screen at a same time with said video program in progress.

39. (Previously Presented) A method for informing a viewer of the content of a video program in progress of claim 33, wherein the selecting of the plurality of summary frames to be embedded further comprises:

selecting from a set comprising L candidate summary frames of the video program, a subset of M summary frames, wherein M divides L,

writing the L candidate summary frames in a table comprising a width of L/M and a height of M in a chronologic order in a row only direction; and

selecting the plurality of summary frames to be embedded by reading M frames from the table in a column only direction to interleave the candidate summary frames.